

Title (en)

MAGNETIC COATING, COATING METHOD WITH SAME AND COATING APPARATUS THEREFOR

Title (de)

MAGNETISCHE BESCHICHTUNG, VERFAHREN ZUM BESCHICHTEN MIT DIESER BESCHICHTUNG UND VORRICHTUNG ZUR AUSFÜHRUNG DES VERFAHRENS

Title (fr)

ENDUIT MAGNETIQUE, PROCEDE D'ENDUCTION D'UN TEL ENDUIT ET APPAREIL D'ENDUCTION POUR SA MISE EN OEUVRE

Publication

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Application

**EP 00949523 A 20000609**

Priority

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Abstract (en)

[origin: FR2795223A1] The invention concerns a method for producing a magnetised coating capable of exerting lasting magnetic forces, which consists in spreading on a support (11) conductive particles (13), oriented by a predetermined magnetisation along an electromagnetic excitation and embedded in a binder (12). The coating apparatus for implementing the inventive method, comprises means feeding (10, 15) the support (11) on a conveyor belt (20), means applying a main binder (12) with pressing rollers (40) and with at least a nozzle (30), coupled with heating means, a reservoir (50) of particles (13) coupled with a sprinkler (51) for dispensing the load of particles, means for distributing the load of particles into the main binder, electromagnetic means (60) for producing an anisotropic magnetic field magnetising the particles, a sprayer (80) for depositing a supplementary binder, drying means (100), demagnetising (110) and winding (120) means. The invention is applicable to supports in particular for paper making, games, decoration or building.

IPC 8 full level

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